AUTHOR INDEX

BAILEY, D. R., *see* Martin, C. W. G.
BISKE, V., and BISKE, EVELYN M., Liquid Paraffin, 146
BUTTE, WOODFIN L., Oil is Where You Find It, 1

CROSTHWAITE, M. S., Automobile Design: Basic Problems and Current Practice, 197

DABELL, A. F., A Wild Cat, 343
DE VEULLE, P. M., and THOMPSON, O. F., International Trading Problems and the Oil Industry, 257
DEWHURST, T., Fourth Empire Mining and Metallurgical Congress, Great Britain, 1949, 289
DOWNS, D., and ROBINSON, V. H., Petrol Injection Applied to Spark Ignition Engines, 353
DUNSTAN, A. E., Retrospect: Reminiscences of Three Decades in the Petroleum Refining Industry, 65

EGLOFF, GUSTAV, Review of Present Status and Trends of Oil Chemistry, 378
EVANS, E. A., Higher Hydrocarbons in Service, 123
EVANS, E. B., Significance of Properties of Petroleum Products—II. Flash-point and Inflammability of Petroleum Products, 231
——, Significance of Properties of Petroleum in Products—III. Volatility, 265

FITTON, ARNOLD, Pulverized Fuel, 18

GARNER, F. H., Significance of Properties of Petroleum Products—I. Specific Gravity, 194
GOODACRE, CHARLES L., Some Aspects of Automotive Design and Development, 33

HAPPEL, LUDWIG, Review on Drilling and Production in Germany, 1948, 361

JONES, E. J., Refinery Process Costing, 175

KENDALL, WING-COMDR. D. N., The Airborne Magnetometer for Mineral Exploration, 10

MARTIN, C. W. G., and BAILEY, D. R., The Purpose and Evolution of Oil Fuel Specifications, 213
MURPHREE, E. V., Oil for the Future, 309

NISSAN, ALFRED H., Significance of Properties of Petroleum Products—IV. Viscosity Index and Rheology, 295

OSBORN, A., Significance and Properties of Petroleum Products. VI. Cloud and Pour Point, 368

PAICE, E. S., Petroleum Chemicals in Relation to the Textile Industry, 54
PARKER, JAS. S., Random Recollections, 14, 171
PRYKE, MARK A., The Handling of Leaded Gasoline, 321

RHODES, J. D. E., The European Recovery Programme and the Future of Oil in Western Europe, 225
ROBINSON, V. H., see Downs, D.

SAMUEL, D. L., Significance of Properties of Petroleum Products—IV. Oxidation and Oxidation Stability, 325
SELL, GEORGE, U.K. Petroleum Trade in 1948, 80
——, U.K. Petroleum Trade in First Half of 1949, 280
STOREY, B. L., Safety in the Petroleum Industry, 49
STROYLE, F. W., Petroleum Fractions, 341
SUMAN, JOHN R., Some Important Points, 239

TAYLOR, R. A. ACTON, Colloidal Fuel, 83
THOMPSON, O. F., see De Veulle, P. M.
TER MEULEN, H., Continuous Wax Sweating Process, 107
THOMPSON, S. A. W., Aviation Gas Turbine Engines, 129

VIVIAN, A. C., Pressure Vessels, 161

SUBJECT INDEX

Accident prevention:
  Conference, 13
  Trinidad methods, 49–52
Aerial photographic exhibition, 79
Aerial Survey Exhibition, 196
Aircraft, jet, for oil research, 371
Algiers, new marine bunkers, 220
Anglo-American Board changes, 235
Argentina, British tankers for, 121
A.S.T.M. Annual Meeting, 272, 279
Australia, new wells, 48
Aviation spirits, synthetic, 73
  consumption, 379

B.I.F., petroleum at, 236
B.S.I. Standards, 114
Belgium, new Antwerp refinery, 48
Birmingham University students' dinner, 138
Bitumen, bulk shipment, 340
Borneo, British, Seria oilfield, 167

C.I.O.S., *B.I.O.S.*, and *F.I.A.T. Reports*, 79
Canada:
  crude oil production, 156
  Edmonton-Superior pipeline, 342
  Leduc field, developments at, 46
  natural gas output, 156
Carbon black:
  U.K. plants, 78
  U.S. production, 272
Caribbean refineries, 14, 15, 16
Chemicals from petroleum:
  at B.I.F., 182
  future opportunities, 247, 381, 382, 383
  organic, 246
  Petrochemicals Partington plant, 91
  Textile industry, 54–61
Coal:
  oil from, 29
  open-cast operations, diesel oil consumption, 144
  synthetic fuels from, 247
Coal tar distillation, 183, 274
Colour computation, automatic machine, 187
Cracking:
  Autothermic process, 250
  Catarole process, 91
  Fischer-Tropsch process, 310
  Hydroforming process, 378
  mass spectromonic determination in, 186
Crop Protection Congress, 156
Crude oil, production in U.K., 113

Drilling:
  largest marine rig, 79
  much-travelled rig, 338

E.R.P. countries, imports of crude oil, 227
Engines:
  development of petrol, 33–42
ENGINES:
  diesel, boiler fuel for, 143
  influence of T.E.L. on design, 179
  turbine, gas, for aircraft, 129–37
Esso Magazine, 249

Fawley Branch inaugurated, 377
Fibres, synthetic:
  production of, in U.S.A., 55
  types, 55
Fifty Years of Progress of Scientific Lubrication, 246
Films:
  By Sea and Air to South American Oil, 45
  Refinery Safety series, 184
  Struggle for Oil, 79
  Tools for the Job, 29
Fires, oil, wartime experience, 180
Fuel, colloidal, properties and burning equipment, 83–8, 143
Fuel:
  conference on pulverized, 18
  synthetic production, 310
Fuel oil:
  consumption by industries, 122
  power station consumption, 78
France, Boussens, work at, 307
Fuller's earth, production, 209

Germany:
  Berlin airlift, oil for, 360, 365
  crude oil production, 75, 365
  Fischer-Tropsch process, 144
  metreage drilled, 1945–8, 364
  natural gas production, 113
  oil industry review, 361–6
  synthetic oil plants, 276
  synthetic petrol, 144
Glassware tests, N.P.L.'s, 187

Hydrocarbons:
  standard samples, 342, 386
  use of, 123–6
Hydrogenation, selective, 120

I.L.O. Petroleum Committee, Reports of, 43
Industrial Chemistry Congress, 237
Institute of Petroleum:
  annual dinner, 97, 367
  Council commentary, 43, 76, 117, 141, 178, 208, 236, 271, 332, 372
  crest, 293
  golf meeting, 119, 206, 207
  library, 115
  message from the President, 210
  monogram, 113
  Special General Meeting, 210
  students' dinner, 138
Insulating oil, 245
Iran:
  aerial survey, 28
  crude oil production, 120, 237

Iraq:
Haifa pipeline, 276
Haifa refinery, 277, 367
16-in pipeline, 330
Italy:
Bari and Leghorn refineries, 118, 346
Rho refinery, 346

Jamaican clays, examined, 179

Kerosine, jet aircraft fuel, 144, 186

Leduc Natural Gas Plant, 156
Leeward Islands, survey, 144, 206, 230
London branch, 185, 221, 234, 336
Lubricants:
industrial gear, symposium, 342
N.C.B.'s scientific control, 249
Lubrication, scuffing and wear investigations, 28

Manchester Ship Canal proposed oil dock 155
M.I.R.A.:
proving ground, 221
research laboratory, 238
Report, 384

Natural gas:
German production, 113
U.S. production, 112
Notes about Oil, 62

Oil and Petroleum Year Book, 374
Oil burners, fuel-saving device, 119
Oil Consumers' Council, 116
Oilfield Development Exhibition, 275
Oil measurement, gallonages from cu. ft., 45
Oil measurement tables, universal, 156, 251, 345

Palestine, oil prospecting in, 92
Paraffin, liquid, uses of, 149
Petroleum products for plant protection, 89
Petroleum Technology Courses, 270
Petroleum Times Jubilee, 279
Plain Talk on Colour Measurement, 118
Plain Words, 6
Presentation of Technical Information, The, 6
Pressure vessels, bursting test data, 163

Report on the Filling Stations, 334
Research, Royal Dutch-Shell programme, 17
Rust inhibitor, 205

Safety Measures in Chemical Laboratories, 181
Science of Petroleum, 186
Scottish branch, 9, 89, 246
Seria oilfield, 167
Shale-oil, Scottish output, 237
Spectrography, mass, bibliography on, 145
South Wales branch, 75, 166, 181, 212, 230, 324
Standard Methods, 375
Stanlow branch, 29, 90, 120, 142, 209, 245, 334
Sulphonates from Petroleum, 121

Tankers:
Auricula, 305
Cazador, 121
Explorador, 121
Labiosa, 340
Lampania, 143
Lembulus, 340
Liparus, 340
New Shell 28,000 d.w., 78
under construction, 206
World Liberty, 340
Technical Literature, 6
Trinidad:
accident prevention in, 49–52
malaria control, 229
1947 petroleum industry statistics, 27
petroleum industry in 1948, 302
U.B.O.T. wildcat, a visit to, 7–9
Trinidad branch, 144, 242
Trieste, refining, 238

Unified Screw Thread Standards, 324
United Kingdom:
Anglo-Iranian's crude oil production, 113
Fawley refinery, 78, 211, 367
Llandarcy refinery throughput, 237
M.P.s visit Eakring Oilfield, 212
petrol consumption, 276, 277
petroleum products consumption, 118
petroleum trade, 80, 82, 281, 282, 283
refining capacity in 1953, 29
United States:
Alberta oil sands, 272
carbon black industry, 272
crude oil reserves, 145
domestic oil production, 177
gas reserves, 145
Houston ethyl alcohol plant, 142
Houston Research Institute, 236
industry injury rates, 336
natural gas production, 112
petroleum consumption, 239
petroleum production, 239
proven reserves, 309
S.O.N.J. crude production, 253
U.S.S.R., translations of literature, 250

Venezuela:
146-mile pipeline, 91
speed launches, 246

Water Supply and Geology, 91
Wax, paraffin:
sweating process, 107
manufacture, 303
World:
crude oil production, 249
crude oil reserves, 187
crude petroleum supply and demand, 346
oil trade, 257–64
petroleum production, 1–5, 373
refined products production, 346
World Petroleum Congress, 229, 385
World Power Conference, 53, 209, 338

Young, James, correspondence on, 188